In re Appln. of KUME et al. Application No. Unassigned

ABSTRACT AMENDMENTS

Replace the Abstract with:

A substrate whereon a supporting film to be etched is held on a rotating stage. Ultraviolet light having a wavelength of 200 nm or shorter is radiated from first lamps to irradiates the film in air, thereby removing organic coatings formed on a surface of from the film and making the surface of the film hydrophilic. A chemical solution is coated on applied to the hydrophilic film while rotating the substrate. Ultraviolet light having a wavelength longer than 200 nm is radiated from second lamps to and onto the film through the chemical solution.